

SECRET**PRIORITY**

P 202041Z AUG 68

FM NPIC WASHDC

TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB

RUCFLGA/100TH SRW OL 19 MCCOY AFB FLA

RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUEOJFA/DIA ATTN: DIAXX-2

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 4395.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI, DO; 100TH SRW FOR CO, DCOI; HQ USAF FOR AFRDR

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-038

1. QUALITY SUMMARY: THIS MISSION PROVIDES IMAGE QUALITY COMPARABLE TO PREVIOUS MISSIONS USING UNIT B-18. THE IMAGE QUALITY IS INCONSISTENT FROM FRAME TO FRAME WITH A GENERAL IMPROVEMENT TOWARDS THE END OF THE MISSION. THE GROUND RESOLUTION AND INTERPRE-

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TATION SUITABILITY ARE FAIR TO GOOD. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 18, WAS USED IN MISSION G-038 FLOWN ON 15 AUGUST 1968. THIS WAS AN OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE V WAS USED THROUGHOUT THE MISSION.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN. ALL MATERIAL WAS PROCESSED TO A 0.6 GAMMA AT A SPEED OF 2.32 (LOG E).

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE FIRST PART OF THE MISSION IS SLIGHTLY UNDEREXPOSED; HOWEVER, AS SOLAR ELEVATION INCREASED, THE EXPOSURE BECAME ADEQUATE.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM; HOWEVER, THE FIRST PART OF THE MISSION IS VERY THIN DUE TO UNDEREXPOSURE.

C. IMAGED DEGRADATIONS:

(1) BOTH SIDES: ROLLER CHATTER ON THE EDGES, STATIC FOG AND FLARE ASSOCIATED WITH THE DATA BLOCK AND VERTICAL INDICATOR DOT ARE PRESENT THROUGHOUT.

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D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: HEAT SPLICES ARE PRESENT BETWEEN FRAMES 495 AND 496 AND IN FRAME 1027. A MANUFACTURER'S SPLICE IS CONTAINED IN FRAME 1952.

(2) 9L SIDE: HEAT SPLICES ARE LOCATED BETWEEN FRAMES 142 AND 143, 1199 AND 1200, AND 1499-1500, AND IN FRAME 311. FRAME 1827 CONTAINS A MANUFACTURER'S SPLICE.

E. AUXILIARY DATA: THE IR POSITION LAMP IS VERY WEAK AND THE FRAME COUNTER SKIPPED FRAME 002 CAUSING A BIAS OF ONE BETWEEN TITLING AND DATA BLOCK.

F. OTHER: MINOR, ERRATIC METERING IS PRESENT THROUGHOUT THE MISSION.

4. POSITIVES: THE PRINTING AND PROCESSING WERE GOOD.

GP-1

S E C R E T

---END OF MESSAGE---

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